

REMARKS

Claims 1-11 are pending with claim 1 being independent. Applicants request favorable reconsideration of this application in view of the above amendments and following remarks. The specification has been editorially amended to correct minor typographical errors noted by Applicants, and claims 1-11 have been amended. No new matter has been added.

Claims 5 and 10 have been amended to address the Examiner's objections.

Claims 1, 3, and 8-11 were rejected as being obvious over Bertram (US Patent No. 5,818,446) in view of Alexa. Applicants respectfully submit that the combination of Bertram and Alexa fails to describe or suggest the subject matter of claims 1, 3, and 8-11 for at least the reasons set forth below.

In general, independent claim 1 describes a web browser program that automatically reconfigures chrome of a user interface to provide a user access to any one of groups of related information. The web browser includes a content display program, a chrome display program, a current site communication program, a chrome configuration processing program, and a related information servers indication receiving program. The chrome configuration processing program receives related information designators from the related information servers. The related information designators are based on the indication of the current server computer. The chrome configuration processing program provides the related information designators as chrome specifiers in the chrome configuration database such that the chrome display program displays the related information designators as part of the chrome. The current site communication program provides an indication of the current server computer to related information servers indicated by a related information servers indication. The related information servers indication receiving program receives the related information servers indication from at least one of the server computers such that the related information servers indication is dynamically reconfigurable.

The Examiner acknowledges that Bertram fails to describe or suggest a chrome configuration processing program that receives, from the related information servers, related information designators based on the indication of the current server computer, and that provides

the related information designators as chrome specifiers in the chrome configuration database such that the chrome display program displays the related information designators as part of the chrome; a current site communication program that provides an indication of the current server computer to related information servers indicated by a related information servers indication; or a related information servers indication receiving program that receives the related information servers indication from at least one the server computers such that the related information servers indication is dynamically reconfigurable, as claimed in claim 1. (Office Action, paragraph 5).

However, contrary to the Examiner's assertions, Alexa does not overcome these deficiencies in Bertram. As described in the specification, Alexa provides only one "point of view" in determining and providing related information to a user. Alexa analyzes web pages, web use patterns, and user suggestions. However, Alexa, when integrated with a browser, is a single source of "related information." In contrast, claim 1 recites a current site communication program that provides an indication of the current server computer to related information servers indicated by a related information servers indication, and a chrome configuration processing program receives the related information designators such that the chrome display program displays the related information designators. For example, multiple providers, such as Yahoo and Netscape, can provide "related information" to the user simultaneously. In providing such links, for example, the provider can cause reconfiguration of the chrome being displayed to, for instance, add a button to the existing chrome such that the user can access the "related information" being made available. As such, a user would have the benefit of "related information" from more than one provider.

Further, one of ordinary skill in the art would not have been motivated to combine Bertram and Alexa to provide the subject matter of claim 1. As noted above and described in the specification, Alexa can only provide one source of "related information" to the user. A combination of Bertram and Alexa would not provide at least the claimed browser program of the instant application capable of providing related information from multiple sources. Therefore, one of ordinary skill in the art would not have combined Bertram with Alexa so as to produce the subject matter of claim 1.

Applicant : David HYATT et al.
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Applicants submit that neither Bertram, Alexa, nor any combination of the two, describes or suggests the subject matter of independent claim 1, or claims 3 and 8-11, which depend from claim 1. Accordingly, withdrawal of this rejection is respectfully requested.

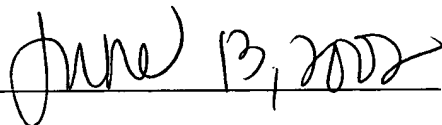
Claim 2 was rejected as being obvious over Bertram in view of Alexa and Miller. Claim 4 was rejected as being obvious over Bertram in view of Alexa and Peyer. Claims 5-7 were rejected as being obvious over Bertram in view of Alexa and Brown. Applicants submit that neither Miller, Peyer, Brown, nor any combination of these references remedies the failure of Bertram and Alexa to describe or suggest the subject matter of claim 1, from which claims 2 and 4-7 depend. Accordingly, withdrawal of these rejections is respectfully requested.

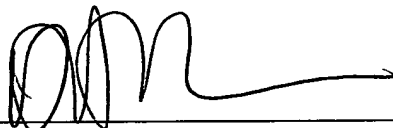
Attached is a marked-up version of the changes being made by the current amendment.

Applicants submit that all claims are in condition for allowance and formal notice of such is respectfully requested. Enclosed is a \$110.00 check for the One-Month Extension of Time fee. Please apply any other charges or credits to Deposit Account No. 06-1050, Ref. No. 06975/188001.

Respectfully submitted,

Date:

 13, 2002



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Version with markings to show changes made

In the specification:

Paragraph beginning at page 2, line 15 has been amended as follows:

A web browser program is **[for execution by]** executed on a client computer that is connectable to a plurality of server computers via a computer network. In general, the web browser program automatically reconfigures chrome of a user interface to the web browser program to provide a user access to any one of a plurality of groups of related information.

Paragraph beginning at page 2, line 25 has been amended as follows:

A [C]chrome display program **[means]** displays₂ on a chrome portion of the client computer display, chrome that corresponds to chrome specifiers in a chrome configuration database.

Paragraph beginning at page 3, line 4 has been amended as follows:

A [C]chrome configuration processing program is configured to receive, from the plurality of "related information" **[severs]** servers, "related information designators. These "related information" designators are provided to the client computer based on the indication of the current **[sever]** server computer. The chrome configuration processing program provides the "related information" designators as ones of the chrome specifiers in the chrome configuration database. As a result, the chrome display program **[means]** displays the "related site" designators as part of the chrome.

Paragraph beginning at page 5, line 3 has been amended as follows:

The chrome specification information may originate either from the server computer 106, or may be based on user actions. In one embodiment, chrome specification information that originates from the server computer 106 is in the form of Resource Description Framework (RDF) language. RDF is a schema being considered, but not yet adopted, by the World Wide Web Consortium (W3C) to model web resources and their interrelationships. At the time of filing this patent application, RDF is only defined in "working draft" form. A copy of the latest working draft, dated August 14, 1998, is available via the world wide web at <http://www.w3.org/TR1998/WD-rdf-schema.19980814>, and is hereby incorporated by reference in its entirety. The newest version is always available at <http://www.w3.org/TR/WD-rdf-schema.19980814>. If the chrome specification information originates from the server computer 106, then it is processed by a chrome configuration process 310 and the records 308 of the chrome configuration database 306 are modified accordingly. By contrast, if the chrome specification information originates from user actions, then it is processed by a user-defined chrome process 312. Using user [User] actions to specify chrome, at least in some limited fashion, is known in the art. For example, the Communicator 4.0 browser of Netscape Communications Corporation allows for manipulating a tree structure of bookmarks, by, for example, dragging a link into a personal toolbar folder to cause the browser to display the links on a personal toolbar portion of the browser's chrome. See Official Netscape Communication 4 Professional Edition Book, by Phil James and tar Calishain (Ventana Communications Group 1997). [By]In contrast[,] to Netscape Communicator 4.0, however, in the described embodiment, user actions would [be] manipulat[ing]e a representation of the chrome specification records 308 in the chrome configuration database. Either or both of the processes 310, 312 may be employed to modify the records 308 of the chrome configuration database 306.

Paragraph beginning at page 6, line 1 has been amended as follows:

The operation of the browser program 300 is now discussed in greater detail relative to the chrome configuration. In one embodiment, the browser program 300 is configured such that, upon installation, connection is automatically made to a default "chrome provider" server computer that is one of the server computers 106. For example, if the browser program 300 is one provided by Netscape Communications Corporation, then connection would be automatically made to a "chrome provider" web server controlled by Netscape Communications Corporation. In one embodiment, the "chrome provider" web site (or server -- these terms are used interchangeably) **[attains]**obtains knowledge of the user's demographics (e.g., by asking or from identification information available to it either from registration or on the client computer 104) and provides a particular chrome specification that corresponds to those demographics. For example, a particular chrome specification may be provided that corresponds to a language that the user understands. As another example, the demographic may be determined from information stored on the server computer 106 corresponding to the user, such as a record of buying behavior of a user at an online shopping site.

In the claims:

Claims 1-11 have been amended as follows:

1. (Amended) A web browser program**[for execution]** executable by a client computer connectable to **[a plurality of]** server computers **[via]** by a computer network, **[to]** the web browser program automatically **[reconfigure]** reconfiguring chrome of a user interface to the web browser program to provide a user access to any one of **[a plurality of]** groups of related information, the web browser program comprising:

a content display program configured to receive content data from a current web site of a current server computer, **[the current server computer being one of the plurality of server computers,]** and to cause **[a display, on a]** information representative of the content data to be

displayed on a content portion of a display of the client computer[, that corresponds to the content data];

a chrome display program configured to cause **[a display of]** chrome **[on a chrome portion of the client computer display]** that corresponds to chrome specifiers **[in a chrome specifiers]** in a chrome configuration database to be displayed on a chrome portion of the client computer display;

a current site communication program configured to provide an indication of the current server computer to **[a plurality of “]** related information[”] servers indicated by a [“]related information[”] servers indication;

a chrome configuration processing program configured to receive, from the **[a plurality of “]related [site”] information** servers, [“]related information[”] designators provided to the client computer based on the indication of the current server computer, and to provide the [“]related information[”] designators as chrome specifiers in the chrome configuration database such that the chrome display program displays the [“]related **[site”] information** designators as part of the chrome; and

a [“]related information[”] servers indication receiving program configured to receive the [“]related information[”] servers indication from at least one of the **[plurality of]** server computers such that the [“]related information[”] servers indication is dynamically reconfigurable.

2. (Amended) The web browser program as claimed in claim 1[, wherein the [“]related information[”] servers indication receiving program is configured to receive the [“]related information[”] servers indication in **[an]** a RDF format.

3. (Amended) The web browser program as claimed in claim 1[, wherein the [“]related information[”] designators received from the [“]related information[”] servers specify the appearance of at least one sub-portion of the chrome portion of the client computer display and a behavior associated with **[a]** user activation of the sub-portion.

4. (Amended) The web browser program as claimed in claim 3[,] wherein at least [a **portion**] one of the ["related information"] designators received from the [servers] server computer specifies [specify] the behavior as a JavaScript method.

5. (Amended) The web browser program as claimed in claim 1[,] wherein the at least one of the server [servers] computers from which the ["related information"] servers indication is received by the ["related information"] servers indication receiving program is a trusted server computer to which the web browser program causes the client computer to connect.

6. (Amended) The web browser program as claimed in claim 5[,] wherein the trusted server computer is a default server computer to which the web browser program causes the client computer to connect upon a first execution of the web browser after a predetermined event.

7. (Amended) The web browser program as claimed in claim 6[,] wherein the predetermined event is installation of the web browser program on the client computer.

8. (Amended) The web browser program as claimed in claim 1[,] wherein the web browser program causes the client computer to provide to the ["related information"] servers an indication of a demographic of the user, and the ["related information"] provided by the ["related information"] servers corresponds to that demographic.

9. (Amended) The web browser program as claimed in claim 8[,] wherein the demographic is an indication of an identity of the user.

10. (Amended) The web browser program as claimed in claim 1[,] wherein the ["related information"] provided by the ["related information"] servers includes at least one link to a web [sites] site having content [whose] the subject matter of which is related to the subject matter of the current web site [ad] and a review of the current web site.

11. (Amended) The web browser program as claimed in claim 1[,] the web browser program further comprising:

a confirmation program configured to confirm whether the user desires to store a [“]related information[”] server indication in a [“]related information[”] server indication database and to control that storage based on the confirmation,

wherein the servers to which the current server computer indication is provided are limited to servers **[whose indication is]** having indications in the [“]related information[”] server indication database.

In the abstract:

A web browser program automatically reconfigures chrome of an interface to provide access to groups of related information. **[A] The web browser program includes a content display program module, [receives and displays content data from a current server computer. A] a chrome display program module, [displays chrome corresponding to chrome specifiers in a chrome configuration database. A] a current site communication program module, [provides a current server computer indication to “related information” servers. A] a chrome configuration processing program module, [receives “related information” designators based on the current server computer indication from “related site” servers. The chrome configuration processing program module provides “related information” designators as chrome specifiers in the chrome configuration database. The chrome display program module displays the “related site” designators as part of chrome. A “] and a related information[”] servers indication receiving program module. [receives the “related information” servers indication from at least one server computer such that the “related information” servers indication is dynamically reconfigurable.]**